

## Daily Summary Report

Site: ORNL Sodar

9/23/2019

Interval: 015m

	03_WS060m	04_WD060m	05_WS100m	06_WD100m	07_WS140m	08_WD140m	09_WS180m	10_WD180m	11_WS240m
Time	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	1.7	248.0	3.1	236.0	4.2	233.0	6.0	222.0	8.4
00:15	1.7	255.6	3.3	239.4	4.5	239.7	5.8	233.3	8.2
00:30	1.6	260.8	3.5	242.3	4.7	246.2	5.6	246.9	8.9
00:45	1.5	254.1	3.3	238.5	4.9	245.1	6.2	243.4	9.5
01:00	1.3	248.5	3.0	231.1	4.5	242.0	5.8	241.4	8.6
01:15	1.3	255.4	2.5	225.8	3.9	237.9	5.4	240.0	8.0
01:30	1.8	260.9	2.3	222.6	4.1	237.2	5.8	239.1	9.3
01:45	2.1	263.3	2.3	219.0	3.9	238.0	5.4	240.2	9.8
02:00	1.0	269.8	1.8	224.3	3.0	242.8	4.3	245.1	8.4
02:15	.5	279.2	1.5	231.4	2.6	247.2	3.8	249.1	7.2
02:30	.6	266.6	1.5	220.3	2.9	241.8	4.1	244.5	7.4
02:45	.5	246.7	1.5	214.9	3.0	238.2	4.5	243.1	7.3
03:00	1.1	261.8	1.7	210.8	2.8	238.9	4.7	240.4	7.7
03:15	1.4	262.1	2.0	226.6	2.8	244.4	4.7	241.5	7.8
03:30	1.8	265.5	2.0	241.0	3.1	246.1	5.0	242.3	8.0
03:45	1.8	267.8	1.6	241.1	3.6	245.7	5.6	242.2	8.7
04:00	1.2	258.9	1.7	233.2	3.8	242.4	5.8	241.4	9.1
04:15	1.5	238.5	1.9	223.0	3.8	236.3	5.8	236.9	8.8
04:30	1.3	242.9	2.0	213.8	4.0	232.2	5.9	233.3	8.7
04:45	1.0	236.1	2.3	209.5	4.0	230.5	6.0	232.6	8.7
05:00	1.0	207.2	2.7	209.1	4.1	231.9	6.1	235.7	9.2
05:15	.7	207.9	2.2	206.0	4.2	227.8	5.8	234.1	9.2
05:30	.3	197.1	1.5	203.1	3.8	223.6	5.6	229.7	8.5
05:45			1.2	206.9	3.1	220.7	5.3	228.9	8.4
06:00			.9	198.1	2.7	216.0	4.8	226.4	8.7
06:15	.7	92.0	.6	182.4	2.6	214.6	4.7	224.5	9.2
06:30	.6	72.7	.6	171.4	2.6	213.8	4.6	221.8	8.2
06:45	.6	86.3	.9	165.9	2.4	211.4	4.4	216.3	9.0
07:00	.6	89.2	1.1	171.7	2.2	207.7	3.9	212.1	9.7
07:15	.5	76.6	1.3	176.4	2.2	211.1	3.8	216.2	7.8
07:30	.4	73.6	1.4	183.1	2.3	219.8	4.0	220.6	8.5
07:45	.4	74.2	1.0	206.8	2.4	225.6	4.0	228.8	9.6
08:00	1.2	85.2	.9	210.9	2.5	227.5	4.3	229.9	9.0
08:15	1.5	89.9	1.2	222.4	2.7	229.0	4.5	228.3	8.1
08:30	.2	104.9	1.0	218.3	2.5	231.9	4.3	231.4	7.4
08:45	.1	332.5	.8	189.6	2.4	233.3	4.1	230.8	6.9
09:00	.1	332.6	.9	205.1	2.5	236.2	4.0	229.4	5.4
09:15	.1	228.8	.9	217.8	2.4	240.5	3.9	228.5	5.1
09:30	.6	251.3	1.5	231.8	2.8	238.2	4.2	226.9	6.5
09:45	1.0	237.9	2.4	235.2	3.5	233.8	4.7	222.3	7.3
10:00	1.5	224.9	2.8	226.6	4.0	228.6	5.3	216.6	7.8
10:15	1.7	234.0	2.8	229.0	3.9	229.0	5.1	222.0	7.0
10:30	1.9	244.0	2.9	232.0	3.8	231.0	4.9	227.0	6.5
10:45	2.0	254.8	2.9	234.8	3.6	232.0	4.7	232.1	5.9
11:00	2.4	257.0	2.1	241.7	2.8	230.0	4.1	230.0	5.4
11:15	2.5	262.0	1.6	271.1	2.5	246.6	4.0	236.3	5.4
11:30	2.4	267.8	1.9	265.5	3.1	247.6	4.2	238.3	5.3
11:45	1.8	266.6	1.7	250.6	3.0	234.7	4.3	224.1	6.0
12:00	2.2	267.5	1.7	257.9	2.4	247.5	3.3	228.4	5.0
12:15	2.8	267.0	2.2	262.4	2.4	254.2	2.7	237.7	3.8
12:30	3.2	266.0	2.0	262.3	2.0	254.9	2.6	246.7	3.5



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Interval: 015m

	12_WD240m	13_WS300m	14_WD300m	15_WS400m	16_WD400m	17_WS500m	18_WD500m	19_WS600m	20_WD600m
Time	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	211.0	12.9	204.0	16.2	219.0				
00:15	215.7	12.7	207.1	16.0	220.0				
00:30	224.1	12.3	210.0	15.7	221.0				
00:45	224.2	12.0	214.0	15.5	223.0				
01:00	224.9	11.7	218.7	15.2	224.0				
01:15	222.2	10.4	213.2	14.8	226.0				
01:30	219.2	10.0	215.2	14.4	227.7				
01:45	214.7	10.6	216.6	13.6	224.3				
02:00	213.6	10.7	214.6	13.1	220.5	13.9	224.3		
02:15	220.7	10.2	218.2	12.7	218.6	13.5	223.8	15.7	230.2
02:30	220.7	11.2	218.0	11.7	217.3	13.5	225.1	15.7	230.0
02:45	225.9	11.3	217.5	11.8	218.8	14.0	226.4	15.6	229.0
03:00	226.5	11.0	214.1	12.6	218.4	14.8	226.1	15.7	225.0
03:15	232.4	10.5	221.1	12.5	219.2	14.9	225.6	14.8	227.4
03:30	233.4	10.8	221.2	11.4	219.6	14.5	225.0	14.7	229.1
03:45	230.7	11.6	219.2	10.5	218.7	14.2	224.8	14.5	228.0
04:00	228.1	11.6	217.7	10.9	218.3	14.7	225.6	14.7	227.2
04:15	228.4	11.7	222.3	12.1	220.4	14.9	225.0	14.9	228.0
04:30	230.6	12.4	229.9	12.8	221.0	15.1	225.0	15.1	228.0
04:45	227.3	11.5	226.0	13.5	222.0	15.3	225.0	15.4	228.0
05:00	222.6	10.7	223.7	14.2	223.0	15.5	225.0	15.6	228.0
05:15	224.1	11.5	225.0	15.0	224.0	15.7	225.0	15.9	228.0
05:30	226.0	12.3	227.3	15.7	226.0	15.8	225.0	16.2	228.0
05:45	225.1	13.8	224.0	16.5	228.3	16.0	225.0	16.4	228.0
06:00	221.7	13.7	224.5	16.5	224.2	16.1	224.3	16.6	228.6
06:15	219.6	13.2	225.1	16.0	224.0	16.2	225.0	16.2	227.0
06:30	223.2	13.9	221.0	15.6	224.0	16.4	226.0	15.8	227.0
06:45	212.6	14.6	217.9	15.2	223.1	16.6	228.4	15.5	226.9
07:00	205.7	13.9	218.2	15.1	219.6	15.2	224.1	15.4	220.8
07:15	213.4	11.8	222.8	15.7	218.7	16.2	220.0	16.7	221.0
07:30	211.8	12.6	225.5	16.3	222.5	15.5	227.5	17.0	223.1
07:45	210.4	12.3	220.3	16.5	223.8	16.1	222.9	16.2	220.1
08:00	213.6	11.7	215.7	16.2	224.9	16.1	223.4	15.5	222.4
08:15	220.6	11.3	217.6	15.3	224.9	13.8	226.4	15.0	230.7
08:30	222.0	12.6	225.0	14.0	224.0	13.6	225.0	14.9	230.0
08:45	219.7	12.0	223.0	12.0	223.0	13.3	224.0	14.8	229.0
09:00	229.2	11.0	221.0	11.0	222.0	13.0	223.0	14.7	228.0
09:15	229.4	10.0	219.0	10.0	221.0	12.7	222.0	14.5	228.0
09:30	217.6	9.0	217.0	9.0	221.0	12.4	221.0	14.4	228.0
09:45	215.9	8.3	215.6	8.1	220.0	12.1	220.0	14.2	227.0
10:00	215.8	8.8	211.9	9.5	218.2	11.8	219.7	14.0	227.0
10:15	218.0	8.0	216.0	8.8	222.0	11.9	221.0	13.9	227.0
10:30	222.0	7.3	220.0	8.0	226.0	11.9	222.0	13.8	227.0
10:45	225.9	6.7	223.5	7.3	230.2	12.0	224.0	13.6	227.0
11:00	224.2	6.1	224.7	9.2	223.8	12.0	225.0	13.5	227.0
11:15	226.8	5.7	226.6	9.0	224.0	11.5	225.0	13.4	226.0
11:30	230.8	5.5	231.2	8.9	225.0				
11:45	219.9	8.0	214.1	8.8	226.0				
12:00	216.0	7.3	213.1	8.6	226.0				
12:15	227.3	5.2	230.7	8.4	227.0				
12:30	235.7	4.8	235.7	8.2	227.0				



## Daily Summary Report

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Interval: 015m

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
00:00				
00:15				
00:30				
00:45				
01:00				
01:15				
01:30				
01:45				
02:00				
02:15				
02:30				
02:45	14.7	230.6	15.2	230.3
03:00	15.1	231.0	15.5	232.2
03:15	15.5	231.0	14.8	230.3
03:30	15.9	230.1	14.6	232.0
03:45	15.5	227.7	14.4	233.0
04:00	13.6	225.3		
04:15				
04:30				
04:45				
05:00				
05:15				
05:30				
05:45				
06:00				
06:15				
06:30				
06:45	16.3	229.3		
07:00	15.2	222.4	16.3	226.8
07:15	17.0	222.0	16.7	225.0
07:30	17.1	221.0	17.0	223.0
07:45	17.1	220.2	17.2	222.4
08:00	15.5	224.5		
08:15	14.7	228.6		
08:30	14.7	228.5		
08:45	14.7	228.5		
09:00	14.8	228.5		
09:15	14.8	228.5		
09:30	14.9	228.5		
09:45	14.9	228.5		
10:00	14.9	228.5		
10:15	15.0	229.0		
10:30	15.0	229.0		
10:45	15.0	229.0		
11:00	15.0	228.5		
11:15	14.8	227.0		
11:30				
11:45				
12:00				
12:15				
12:30				

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
12:45				
13:00				
13:15				
13:30				
13:45				
14:00				
14:15				
14:30				
14:45				
15:00				
15:15				
15:30				
15:45				
16:00				
16:15				
16:30				
16:45				
17:00				
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17:45				
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18:30				
18:45				
19:00				
19:15				
19:30				
19:45				
20:00				
20:15				
20:30				
20:45				
21:00				
21:15				
21:30				
21:45				
22:00				
22:15				
22:30				
22:45				
23:00				
23:15				
23:30				
23:45				
<b>Avg</b>	15.3	227.0	15.7	228.0
<b>Max</b>	17.1	231.0	17.2	233.0
<b>Max Time</b>	07:45	03:15	07:45	03:45
<b>Min</b>	13.6	220.2	14.4	222.4
<b>Count</b>	25	25	9	9
<b>Total</b>				